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Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work: Detailed Estimated for Providing Cement Concrete to Cross Roads of Ravindranagara, in Ward No. 13, in Shettyhalli Sub-Division

Est .Cost Rs. 9.99 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.2: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, specification No. KBS 2.1(a) / 2.3.1 Page No. 5/ Item No. 2.1/ PWD SR 2011-12								
	Surrounding Cross roads	Cum	2	25.00	0.50	0.45	11.25		
	Cross roads & approach roads		2	30.00	0.50	0.45	13.50		
							24.75	118.72	**2938.00**
	Basic Rate	112.00							
	Area Weightage @ 6%	6.72							
		118.72							
2	KSRB-2-2:1 Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(a)/ 2.3.5, Page No. 5/ Item No. 2.3, Page No. 12/ Item No. 4.2/ PWD SR 2011-12								
	RCC drain 3cr rd	Cum	2	60.00	1.10	1.20	158.40		
							158.40	142.04	**22499.00**
	Basic Rate	134.00							
	Area Weightage @ 6%	8.04							
		142.04							
3	KSRB 4-1.2: Providing and laying in position plain cement concrete of nominal mix M 10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2 Page No. 12/ Item No. 4.2/ PWD SR 2011-12								
	RCC drain 3cr rd	Cum	2	60.00	1.10	0.15	19.80		
	CC road - Road dameged 2. 3 cr rds		25	4.50	0.30	0.15	5.06		
							24.86	4077.82	**101385.00**
	Basic Rate	3715.00							
	Add Diffe cost of Cement 0.22x600	132.00							101375.00
	(220kgs/50kgs=4.40 bagsxRs.30.00 Diff cost/bag)=132.00	3847.00							
	Area Weightage @ 6%	230.82							
	Total	**4077.82**							

4	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. Page No. 19/ Item No. 4.48.1/ PWD SR 2011-12								
	CC road - Road dameged	Cum	1	45.00	4.00	0.10	18.00		
			1	40.00	4.00	0.10	16.00		
							34.00	4665.06	**158612.00**
	Basic Rate	4401.00							
	Area Weightage 6%	264.06							
	Total	**4665.06**							
5	KSRRB M2600-3. (II) Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per Drawing & Technical Specification. Complete as per Specifications. MORTH Specification no. 2605 Page No. 246/ Item No. 31.3/ PWD SR 2011-12								
		m	12	4.00			**48.00**	131.44	**6309.00**
	Basic Rate	124.00							
	Area Weightage 6%	7.44							
		131.44							
6	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 340kgs, with with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 ,P.13/I.4.11/ PWD SR 2011-12								
	Walls	Cum	2x2	60.00	0.15	0.90	32.40		
	Bed		2	60.00	0.60	0.15	10.80		
							43.20	5157.96	**222824.00**
	Basic Rate	4674.00							
	Add Diffe cost of Cement 0.32x600	192.00							
	(320kgs/50kgs=6.40 bagsxRs.30.00 Diff cost/bag)	4866.00							
	Area Weightage @ 6%	291.96							
	Total	**5157.96**							
7	KSRB 4.9.2: providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2011-12								
	For RCC Drain	Qtls		43.20	x	75kgs	32.40	A	
							32.40	7211.75	**233661.00**
	Basic Rate	5910.00							
	Add Extra rate for Steel	893.54							
	Total	6803.54							
	Area Weightage @ 6%	408.21							
	Total	**7211.75**							

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8	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walss at any thickness,including attached pilasters,buttresses, plinth and string courses cost of all materials, labour complete as per specification. Specification No. KSRB 4.6.9 Page No. 17/ Item No. 4.36/ PWD SR 2011-12								
	for RCC drain Walls	Sqm	2x2	60.00		1.00	240.00		
							240.00	544.84	**130762.00**
	Basic Rate	514.00							
	Area Weightage @ 6%	30.84							
		544.84							
9	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.								
		Sqm	1	60.00	0.90		54.00		
	Approved Rate of Precast slab	1963.6					**54.00**	1963.6	**106034.40**
	Data rate for precast slab of 100MM thick								
10	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.20 (P.147 I.18.57/1)								
	Qty Vide Item No=1+2	Cum					**183.15**		
	Qty Limited to						**183.15**	75.47	**13822.00**
	(For 3 km = 3 x 1.28 x 2.0)	7.68							
	Loading and Unloading Charges	62.20							
		69.88							
	Area Weightage @ 8%	5.59							
	Total	**75.47**							
11	Miscellaneous and unforseen Charges								**154**
								Total	**999000.00**
(Rupees Nine Lakhs NinetyNineThousand Only)									

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2011-12
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

A/S

No. JC(DH) AS 365/12-13 Dated: 15/09/12
Rs. 9.99 Lakhs (Rupees Nine Lakh Ninety Nine Thousand Only)
P. No. 27
SL No. 365

No. EE/DD/TS/150/11-12 Dated: 25/9/2012
Rs. 9.99 Lakh (Nine Lakh Ninty Nine Thousand only)

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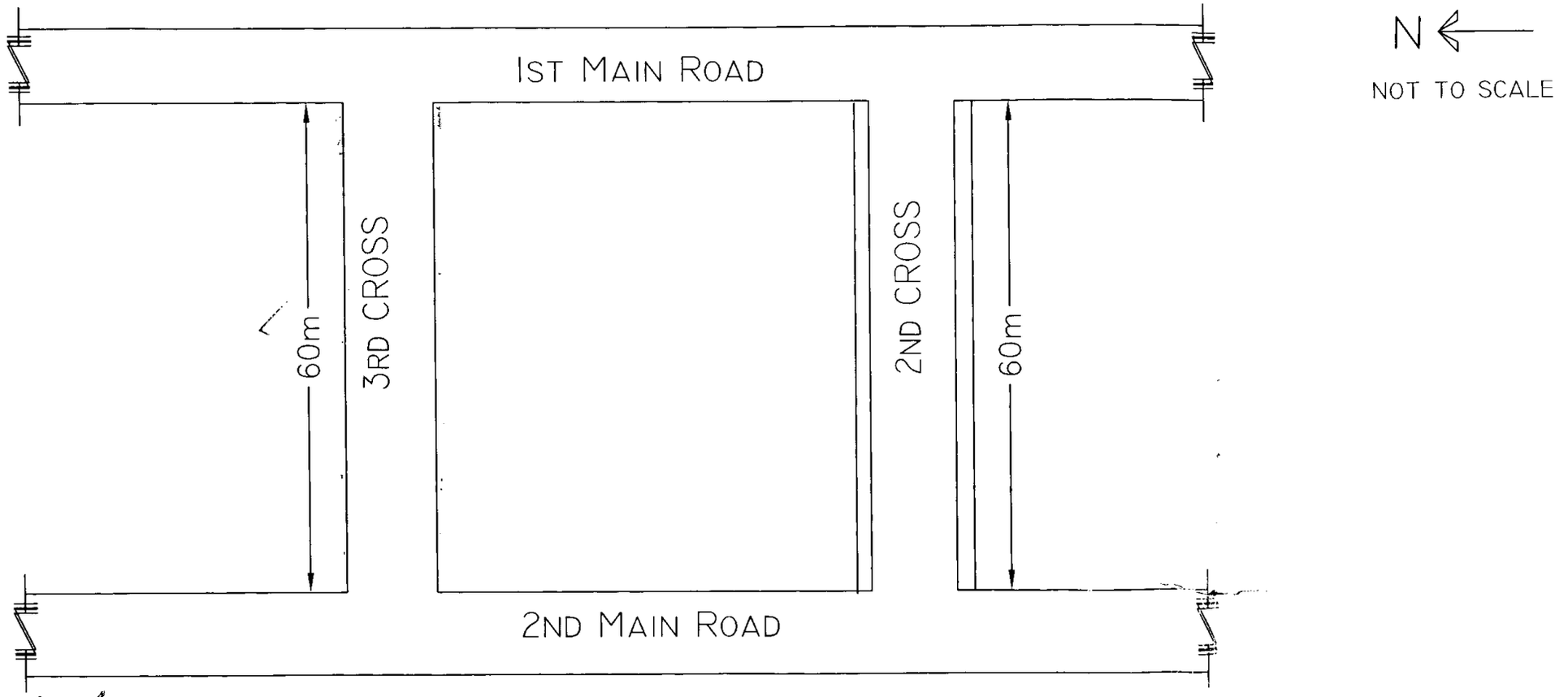
SKETCH SHOWING PROVIDING CEMENT CONCRETE TO CROSS ROADS OF RAVINDRANAGARA, IN WARD NO-13 IN SHETTYHALLI SUB DIVISION.



Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub-Division
B.B.M.P

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-73

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